

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

COCCHI et al.

Attorney Docket No.: 4235.413

Application Serial No.: New U.S. National Phase Patent Application  
based on PCT/IT03/00187

Filed: September 28, 2004

Title: ORGANIC ELECTROLUMINESCENT DEVICE WITH CHROMOPHORE DOPANTS

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 22031  
**Attention: PCT DO/EO/US**

September 28, 2004

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R.1.97 within the time specified under 37 CFR 1.97(b).

The references cited in the attached Form PTO-1449 were cited in the enclosed International Search Report issued by the European Patent Office in connection with the above international application. It is understood that the European Patent Office has sent a copy of each of the cited references to the U.S. Patent and Trademark Office. However, for the Examiner's convenience, the cited references are attached hereto.

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In view of the above, all requirements of 37 CFR 1.97 and all official guidelines pertaining to Information Disclosure Statements have been complied with, and it is therefore respectfully requested that the Examiner consider the references and make them of record.

A copy of the U.S. patents and/or U.S. patent publications are not provided because this international application has entered the national stage under 35 USC § 371 after June 30, 2003.

See 37 CFR 1.491(b).

Respectfully submitted,



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| <b>FORM PTO/SB/08 (08-00)</b><br>Substitute for form 1449/PTO  |  | <b>US DEPT. OF COMMERCE</b><br><b>PATENT &amp; TRADEMARK OFFICE</b><br><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary) |             | <b>ATTY DOCKET NO.</b><br>4235.413 |                                      | <b>APPLICATION NO.</b><br>New U.S. National Phase Application |  |
|  |  | <b>APPLICANT(S)</b><br>COCCHI et al.  |             |                                    |                                      |   |  |
|  |  | <b>FILING DATE</b><br>September 28, 2004  |             |                                    |                                      | <b>GROUP</b><br>Unknown                                       |  |
| <b>U.S. PATENT DOCUMENTS</b>   |  |   |             |                                    |                                      |   |  |
| <b>EXAMINER INITIAL</b>  |  | <b>DOCUMENT NUMBER</b>  | <b>DATE</b> | <b>NAME</b>                        | <b>CLASS</b>                         | <b>SUB CLASS</b>  |  |
| /M.E.N./   |  | US 2002/0024293 A1  | 2/28/2002   | IGARASHI et al.                    |                                      |   |  |
|  |  |   |             |                                    |                                      |   |  |
|  |  |   |             |                                    |                                      |   |  |
| <b>FOREIGN PATENT DOCUMENTS</b>  |  |   |             |                                    |                                      |   |  |
|  |  | <b>DOCUMENT NUMBER</b>  | <b>DATE</b> | <b>COUNTRY</b>                     | <b>CLASS</b>                         | <b>SUB CLASS</b>  |  |
| /M.E.N./   |  | WO 01/39234 A2  | 5/31/2001   | WIPO                               |                                      |   |  |
| /M.E.N./   |  | EP 0 831 676 A2   | 3/25/1998   | EUROPE                             |                                      |   |  |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>  |  |   |             |                                    |                                      |   |  |
| /M.E.N./   | JU-SEUNG KIM et al.; "White light emission from a single-layer electroluminescent device using exciplex formed between organic materials"; Korea-Japan Joint Forum 2000. Organic Materials for Electronics and Photonics Kyoto, Japan, 4-6 Oct. 2000, vol. 370, pages 35-38.   |   |             |                                    |                                      |   |  |
| /M.E.N./   | KALINOWSKI J et al.; "Thomson-Like Electron-Hole Recombination in Organic Light-Emitting Diodes"; Japanese Journal of Applied Physics, Publication Office Japanese Journal of Applied Physics, Tokyo, JP, vol. 40, no 3B, Part 2, 15 March 2001, Pages L282-L285.  |   |             |                                    |                                      |   |  |
| /M.E.N./   | GIRO et al.; "Exciplex formation in light emitting molecularly doped polymer diodes based on polycarbonate: TPD:PBD blends"; Electrical, Optical, and Magnetic Properties of Organic Solid-State Materials V. Symposium (Materials Research Society Proceedings Vol. 598), Electrical, Optical and Magnetic Properties of Organic Solid-State Materials V. Symposium, Boston, MA, USA, Pages BB11.3.1-5. |   |             |                                    |                                      |   |  |
| /M.E.N./   | FOTTORI V et al; "Light - emitting devices with a photoluminescent quinquethiophene derivative as an emitting material"; 2 <sup>nd</sup> International Conference on Electroluminescence of Molecular Materials and Related Phenomena, Sheffield, UK, 15-18 May 1999, volume 111-112, pages 83-86.   |   |             |                                    |                                      |   |  |
|  |  |   |             |                                    |                                      |   |  |
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|  |  |   |             |                                    |                                      |   |  |
| <b>EXAMINER</b><br>/Michael Nelson/  |  |   |             |                                    | <b>DATE CONSIDERED</b><br>02/23/2008 |   |  |
| <b>Examiner:</b> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |  |   |             |                                    |                                      |   |  |